

Date: Fri, 18 Jun 93 01:00:30 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #745
To: Info-Hams

Info-Hams Digest Fri, 18 Jun 93 Volume 93 : Issue 745

Today's Topics:

 "Assualt" radio ban Scanner sought
 Broadcast IDs (2 msgs)
 callsign server update
FT-530 HT coverage expansion mods needed
 ham radios in movies (Jurassic Park)
 Kenwood TS-50
 New Radio Shack HT??? (2 msgs)
 Propane-powered generators
 UN:The ITU phonetic alpha
 wanted mods for Icom W2-A

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Jun 1993 23:14:36 GMT
From: agate!howland.reston.ans.net!darwin.sura.net!uvaarpa!clem!clem!
news@ames.arpa
Subject: "Assualt" radio ban Scanner sought
To: info-hams@ucsd.edu

With the coming assault radio bans, I would like to get the current best
handheld scanner on the market, before I can no longer buy it. What are the
best handheld scanners out there? The wider and more complete the frequency
coverage, the better. Aircraft a must. FM wideband for broadcast a plus.

Please e-mail any opinions you think would aid my decisions!

--

jmd@handheld.com

Date: Thu, 17 Jun 1993 22:47:15 GMT

From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
darwin.sura.net!sgiblab!sfcsun!weaver@network.UCSD.EDU

Subject: Broadcast IDs

To: info-hams@ucsd.edu

In article <m21fnpINNpt@exodus.Eng.Sun.COM>, wdh@oversteer.Eng.Sun.COM (Dennis Henderson) writes:

|> I notice in (U.S.) Broadcast IDs (am-fm) the stations now state a bunch of
|> major cities in their coverage area and not just the city they are in.

|> I assume they are staking out their market for some legal related reason.

|>

|> Anyone know why this is being done?

Usually it's when a suburban station (i.e. licensed to a suburb) wants to sound less provincial and get the attention of the metro area. Usually suburban stations are bought up and "repositioned" as metro stations, sometimes with a power increase. They then often ID as, e.g. Gilroy-San Jose.

The regs on IDs, by the way, say Call Letters and Community of License with the possible interjection of frequency and station ownership. Thus "KFJC 89.7 Los Altos Hills" is acceptable as well. Channel 44 used to ID as "KBHK-TV 44, Kaiser Broadcasting, San Francisco."

It's hip these days, especially at stations with cutesy logos like "Z-104" or "K-FOX" (for KUFX) to do the legal ID between two commercials in the cluster just before or just after the top of the hour. Good on Live 105 for coming right out and owning up to being KITS all the time.

--

Eric Weaver Sony AVTC 677 River Oaks Pkwy, MS 35 SJ CA 95134 408 955-4904
& Chief Engineer, KFJC 89.7 Foothill College, Los Altos Hills CA 94022

Date: 18 Jun 93 06:41:24 GMT

From: ogicse!uwm.edu!math.ohio-state.edu!darwin.sura.net!rouge!
cfm1471@network.UCSD.EDU

Subject: Broadcast IDs

To: info-hams@ucsd.edu

In article <1vnk7m\$np@senator-bedfellow.MIT.EDU> cthomas@athena.mit.edu (Michael T Ford) writes:

>In article <HIDEG.93Jun15171803@spsd630a.erim.org> hideg@spsd630a.erim.org (Steve

Hideg) writes:

>>Does anyone out there know the FCC rules governing the identification of
>>commercial broadcast radio stations?

>>

>>There is a new station in Detroit that NEVER gives its callsign.

>>

>

>That's okay. It'll only cost'em \$8000 to have that privilege.

>

>The reg. is once per hour. And the format is: freq, call, loc.

>There are certain variants on that. Examples of an ID are:

>

>97.7 KGCI-FM Grundy Center

>or if there are two transmitters:

>1190 KDAO Marshalltown and 99.5 KDAO-FM, Eldora.

>

>The town has to be where the transmitter is. (Or control studio,

>don't remember which.) In case this is a small town, you'll hear

>something like:

>97.7 KGCI-FM Grundy Center, Cedar Falls and Waterloo. Still the basic

>legal ID, but w/ extra towns added on so people actually recognize what

>state you're in.

>

How about this one Micheal:

"From the top of a REALLY big tower, in a REALLY big swamp, We're
92.3, WCKW, LaPlace, New Orleans, Baton Rouge. "

or

"The station with a million dollar guarantee, you give us a million dollars
and we'll play whatever you want, the TIGER 100.7 WTGE Baton Rouge. "

Two great stations here in south Louisiana.

Charlie

Date: Fri, 18 Jun 1993 04:21:45 GMT

From: csus.edu!news.ucdavis.edu!othello.ucdavis.edu!ez006683@decwrl.dec.com

Subject: callsign server update

To: info-hams@ucsd.edu

Thanks Devon, I have the QRZ CD-Rom but I like having it on-line too!

Is the new search software compatible with your system so we can do

wildcard searches, etc.? If not maybe Fred can supply the code, another

project for your free evenings! :-)

Thanks again,
Dan

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *
*                    Internet: DDTODD@ucdavis.edu              *
*                    Snail Mail: 1750 Hanover #102              *
*                    Davis CA 95616                            *
*-----*
*      I do not speak for the University of California....    *
*      and it sure as hell doesn't speak for me!!             *
*-----*
```

Date: Tue, 15 Jun 1993 22:13:57 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!math.ohio-
state.edu!sdd.hp.com!apollo.hp.com!cupnews0.cup.hp.com!hpscit.sc.hp.com!hplextra!
hpcc05!hp-ptp!johns@network.UCSD
Subject: FT-530 HT coverage expansion mods needed
To: info-hams@ucsd.edu

YAESU FT-530
(from Yaesu Service Dept.)

Expanded Receive 110-180, 300-500 MHz[, 800-950 MHz]
[Transmit 140-150, 430-450 MHz]

- o Remove Antenna and Battery.
- o Remove four screws on bottom holding battery track.
- o Remove the four (black) screws holding rear case.
- o Slowly... open the front cover from tranceiver and lay both halves on table.
- o Note positioning of white paper insulator in right half of radio and lift out (don't throw away)
- o Carefully locate Jumper Pad 13 and remove solder.
- o Carefully locate Jumper Pad 15 and remove solder or 0 Ohm chip resistor.
- o Re-install white paper insulator, make sure ground tab slides through the paper insulator.
- o Close radio back up (Careful not to pinch the ribbon cable near lithium battery when closing halves).
- o Re-install the four (black) screws holding rear case.
- o Re-install the four (small silver) screws on bottom holding battery track to radio body.
- o Attach Antenna and Battery.
- o Turn off Radio.... Press and hold both arrow keys while turning on the Radio.

```

      / <--- Jumpers are here
o  /
---      Blowup --->

```

$$\begin{array}{ccccccc} \dots & 12 & (|) & & (|) & 11 & \\ & & & & (|) & 13 & \\ & 16 & (|) & & (|) & 15 & \end{array}$$

```
freeman@eagle.sangamon.edu (Jay Freeman) writes:
>Eric E. Snyder (eesnyder@boulder.Colorado.EDU) wrote:
>> Ok, no one has mentioned Jurassic Park so far....
>> [...]
>Is there no place one can and *not* hear about this hype monster?
>sigh
```

Ian Klufft KD6EUI PP-ASEL Amdahl Corporation, Open Systems Development
 iklufft@uts.amdahl.com Santa Clara, CA
 [disclaimer: any opinions expressed are mine only... not those of my employer]

Date: 18 Jun 93 04:43:22 GMT
From: ogicse!uwm.edu!cs.utexas.edu!math.ohio-state.edu!magnus.acs.ohio-state.edu!
flinxwei@network.UCSD.EDU
Subject: Kenwood TS-50
To: info-hams@ucsd.edu

Has anyone had a chance to see/play with this awesome machine? I just saw it today and realized what was missing on at my QTH. This is the best small HF rig tha I have seen in a LLLL000NNGG time.

Any comments....

73,
Eric N8UNN

Eric Linxweiler
The Ohio State University
Dept. of Mathematics

Mathematica Student Rep.
Wolfram Research, Inc.

e-mail: linxweiler.1@osu.edu -or- linx+@osu.edu
packet: n8unn@w8cqk.#cmh.oh.usa.na

Date: 17 Jun 93 07:57 CDT
From: pravda.sdsc.edu!news.cerf.net!usc!math.ohio-state.edu!sol.ctr.columbia.edu!
news.kei.com!news.oc.com!utacfd.uta.edu!trsvax!trsvax!rpo@network.UCSD.EDU
Subject: New Radio Shack HT???
To: info-hams@ucsd.edu

Oops. That's what I get for proofing my own post. (Although it does scan, some...:^]).

As for my usual posts, I try to provide help on the things I know about. Not much for Buying Back 11 Meters, No-Code Tech Bashing, and so on. Whether someone buys a Radio Shack product or not has so very little to do with what ends up in my pocket, it ain't funny. Now, ask me about NiCads, Dogs, Scanners, Bicycling, Computers, Desktop Publishing, or something else I know about and you might not be able to shut me up...

Paul Opitz, N5TPQ
Radio Shack Publications (No, not AST)

Date: Fri, 18 Jun 1993 03:11:03 GMT
From: csus.edu!news.ucdavis.edu!othello.ucdavis.edu!ez006683@decwrl.dec.com
Subject: New Radio Shack HT???
To: info-hams@ucsd.edu

Went down to the Radio Shack today. If the 404 is as nice as the 202 it looks like another winner. In fact it looks *exactly* like the 202 but with a different model number and antenna. I didn't play with it since I would have been hard pressed not to buy it if I had. And Sue would have locked me out of the house if I did. :-)

Looks good, Paul
Dan

--

* Daniel D. Todd Packet: KC6UUD@WA6RDH.#nocal.ca.usa *
* Internet: DDTODD@ucdavis.edu *
* Snail Mail: 1750 Hanover #102 *
* Davis CA 95616 *

* I do not speak for the University of California.... *
* and it sure as hell doesn't speak for me!! *

Date: 17 Jun 1993 22:34:20 GMT
From: sun-barr!korie!news2me.EBay.Sun.COM!west.West.Sun.COM!l1-a!filloyd@ames.arpa
Subject: Propane-powered generators
To: info-hams@ucsd.edu

In article <9306171955.AA05782@opus.xyplex.com> sasminkey@eng.xyplex.com writes:
>While listening to the noisy generator powering the 6m station during
>the VHF contest, a few of us started to talk about generators. One person
>commented that LP (liquid propane) powered generators are much more quiet
>than gasoline powered ones, as well as having much cleaner emissions.
>Since my house uses LP for heat, hot water, etc. I was thinking that an
>LP powered generator might be great for backup power, and when coupled
>to a typical gas grill LP tank would also work for things like Field Day.
>Does anyone have any experience with LP powered generators or know anything
>about brands, where to get them, cost relative to gasoline powered units,
>etc.
>

I have an Onan 6.3LP generator on my motor home. It puts out about 6KW. I've also owned a 5 KW Onan Gasoline version. They both produce virtually the same amount of noise, which is quite a bit if you ask me. Most RV parks don't want you running them past 10pm for this reason.

There is no inherent reason why an LP generator would be one bit quieter than a gasoline generator. They are really identical engines in all respects except for the fuel they burn and the way in which the carburation is handled.

In my opinion, the quietest generators are the small, water cooled ones (not including diesel).

I can't speak for the cost of operation except to say that LP gas typically costs \$2 to \$3 a gallon versus typical gasoline prices. The "mileage" (judging by LP vehicles) is about the same or worse than gasoline. I haven't owned my LP generator long enough to judge its efficiency, it's still got most of the fuel that it had when I bought it.

-fred

[Fred Lloyd, AA7BQ	Fred.Lloyd@West.Sun.COM]
[Sun Microsystems,	Systems Engineer]
[Phoenix, AZ	(602) 224-3517]

Date: Thu, 17 Jun 1993 21:44:08 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!torn!nott!
bnrgate!bcars267!bnr.ca!cnc291@network.UCSD.EDU
Subject: UN:The ITU phonetic alpha
To: info-hams@ucsd.edu

Regarding the new phoenetics:

l - llama (properly pronounced "yama" in espanol)
c - czar (goes great with "tsar")
In article <60.11731.4727.0N17AE52@canrem.com>, jeff.shirton@canrem.com (Jeff Shirton) writes:
|> Tom Bodoh writes:
|>
|> TB> I like it - here's the ones I have so far, fill in the blanks;
|>
|> Anybody want to continue?
|>
|> TB> a AESOP n


```

|> TB> b          o          OEDIPUS
|> TB> c      ** czar      p          pseudo
|> TB> d          q
|> TB> e          EYE      r
|> TB> f          s
|> TB> g          gnaw      t          TSAR
|> TB> h          HONOUR      u
|> TB> i          v
|> TB> j          juan      w
|> TB> k          knowledge      x          xylophone
|> TB> l      ** llama      y
|> TB> m          mnemonic      z
|>
|>
|>      --
|>      /      /) /) .-----
|>      / _ // // | Jeff Shirton | "Everyone with telekinetic |
|> ( _/_ _(/_//_//_ | jeff.shirton@canrem.com | powers, raise my hand." |
|>      /) /) | a8202381@mcmaster.ca | -Emo Phillips |
|> VE30JS (/ (/ `-----
|>
|> * SLMR 2.1a * Jim! You don't ask The Almighty for His ID! -- Bones,STV

```

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-----
Date: Fri, 18 Jun 1993 04:39:59 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
ux1.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!bwehr@network.UCSD.EDU
Subject: wanted mods for Icom W2-A
To: info-hams@ucsd.edu

```

Just purchased the Icom's W2-A and absolutley enjoy it!! I am intrested in any mods for the radio that I havent heard of yet. I have dome the keyboard mods for opening the freq and the cross band repeat but I am intrested in any other mods that have been around the roumor mill. Please mail any answers.

THANKS

```

-----
Brant Wehr Iowa State University

```

NOUTT

```

bwehr @iastate.edu
-----
-----

```

Date: Fri, 18 Jun 1993 03:16:44 GMT
From: csus.edu!news.ucdavis.edu!othello.ucdavis.edu!ez006683@decwrl.dec.com
To: info-hams@ucsd.edu

References <930616.173544.2X1.rusnews.w165w@garlic.sbs.com>,
<m21mirINNn8g@news.bbn.com>, <1vqu9f\$jtj@transfer.stratus.com>
Subject : Re: A little radio FUN!

Faith Senie (fms@sw.stratus.com) wrote:

: That's one of the nice things about the VHF contest -- cross-mode contacts
: are OK. Yes, SSB to CW would be a cross-mode contact (though if you sent the
: CW via SSB, I wonder what that counts as? :-) I don't think the VHF contest
has
: separate CW and phone categories, just single-op/multi-op sorts of categories.

I vote that it would be a pure SSB contact, morse code !=CW. right? You
could always just yell DAHHHHHHHHH..

Would whistling code be considered music? :-)

Cheers

Dan

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *
*                    Internet: DDTODD@ucdavis.edu              *
*                    Snail Mail: 1750 Hanover #102              *
*                    Davis CA 95616                            *
*-----*
*      I do not speak for the University of California....      *
*      and it sure as hell doesn't speak for me!!              *
*-----*
```

Date: Fri, 18 Jun 1993 03:04:18 GMT
From: csus.edu!news.ucdavis.edu!othello.ucdavis.edu!ez006683@decwrl.dec.com
To: info-hams@ucsd.edu

References <1993Jun15.141003.22243@ke4zv.uucp>,
<1993Jun16.140050.19446@ryn.mro4.dec.com>, <1993Jun17.060951.1755@ke4zv.uucp>
Subject : Music, Midi and content(Was Re: Digital Microwave...)

1) With the power te ARRL seems to have in the eyes of the FCC I
think that the fact that they *specifically* say that midi sequences are

only descriptions of and not music itself you are probably pretty safe in assuming that the ARRL didn't just guess that the FCC would interpret it this way. see the 9th printing of the ARRL part 97 guide.

2) I too think it is really none of the FCC's buisness what I am transmitting and I wish that they weren't in the content regulation business.

3) Could rot 13 encoding be considered legal if an unencoded header was included that gave the key and stated that the contents may be objectionable? This would remove the intent to conceal the meaning of the message.

4) Gary, do you read *Reason* ?

Cheers es 73

Dan

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@WA6RDH.#nocal.ca.usa      *
*                      Internet: DDTODD@ucdavis.edu            *
*                      Snail Mail: 1750 Hanover #102           *
*                      Davis CA 95616                         *
*-----*
*      I do not speak for the University of California....    *
*      and it sure as hell doesn't speak for me!!            *
*-----*
```

Date: 18 Jun 93 07:07:32 GMT

From: ogicse!emory!europa.eng.gtefsd.com!darwin.sura.net!rouge!

cfm1471@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Jun16.162224.27243@leland.Stanford.EDU> ,

<93168.103036WKOEHLE@ESOC.BITNET> , <1993Jun17.184333.3458@leland.Stanford.EDU>

Subject : Re: Need tubes for Nazi field radio

In article <1993Jun17.184333.3458@leland.Stanford.EDU> paulf@umunhum.stanford.edu (Paul Flaherty) writes:

>In article <93168.103036WKOEHLE@ESOC.BITNET> WOLF KOEHLER <WKOEHLE@ESOC.BITNET> writes:

>>There is no such thing as a Nazi radio, nor could there be any Communist
>>radio or Imperialistic radio etc. Any objections?

>

>Hey, I said that was the PC usage. I did *not* say that I agreed with it.

>My point is that it seems that certain net.police have all the hypersensitivity
>of a chihuahua with an amphetamine psychosis.

^^^^^^^^

And I thought those things were just rats on acid.

Charlie

Charles Morrison KI5XP
U. of Southwestern La.
Lafayette, La. 70506
(318) 988-3821

Internet: ki5xp@ucs.usl.edu
Internet: cfm1471@ucs.usl.edu
Packet: KI5XP@K5ARH.LA

***** Field Day (2A): W5DDL #2 in 92, #1 in '93 *****

Date: 17 Jun 1993 23:21:19 GMT
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!noc.near.net!
transfer.stratus.com!sw.stratus.com!fms@network.UCSD.EDU
To: info-hams@ucsd.edu

References <1993Jun15.213451.4185@ll.mit.edu>,
<930616.173544.2X1.rusnews.w165w@garlic.sbs.com>, <m21mirINNn8g@news.bbn.com>
Subject : Re: A little radio FUN!

In article <m21mirINNn8g@news.bbn.com>, levin@bbn.com (Joel B Levin) writes:
[a bunch of discussion of how to send CW via SSB that came out of my description
of not having CW capabilities last weekend deleted]

>

> I don't remember the rules in detail (I didn't try this contest), but
> if there are separate CW and phone categories, don't they usually have
> a rule against cross-mode contacts? Would this count as a cross-mode
> contact?

>

That's one of the nice things about the VHF contest -- cross-mode contacts
are OK. Yes, SSB to CW would be a cross-mode contact (though if you sent the
CW via SSB, I wonder what that counts as? :-). I don't think the VHF contest has
separate CW and phone categories, just single-op/multi-op sorts of categories.

Great contest!

73 de Faith N1JIT

--

Faith M. Senie

InterNet: fms@vos.stratus.com

Stratus Computer, Inc. InterNet: fms@hoop.sw.stratus.com
55 Fairbanks Blvd. Pkt Radio: n1jit@walphy.ma.usa.na
Marlboro, MA 01752 Phone: (508)460-2632

"I'm afraid I don't know very much about Romulan Disruptor settings" --Spock

Date: Fri, 18 Jun 1993 06:12:44 GMT
From: news.Hawaii.Edu!uhunix.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <1993Jun11.130817.1389@rsg1.er.usgs.gov>,
<60.11731.4727.0N17AE52@canrem.com>, <1993Jun17.214408.14791@bnr.ca>
Subject : Re: UN:The ITU phonetic alpha

In article <1993Jun17.214408.14791@bnr.ca> cnc291@bnr.ca (Brent Harsh) writes:
>Regarding the new phoenetics:

>In article <60.11731.4727.0N17AE52@canrem.com>, jeff.shirton@canrem.com (Jeff
Shirton) writes:
>|> Tom Bodoh writes:

Date: (null)
From: (null)
>|> TB> a AESOP n
>|> TB> b o OEDIPUS
>|> TB> c ** czar p pseudo
>|> TB> d q
>|> TB> e EYE r right (see w)
>|> TB> f s
>|> TB> g gnaw t TSAR
>|> TB> h HONOUR u
>|> TB> i v
>|> TB> j juan w write
>|> TB> k knowledge x xylophone
>|> TB> l ** llama y
>|> TB> m mnemonic z
>|>

Jeff, NH6IL

End of Info-Hams Digest V93 #745
